

## SECTION 00630

## CHANGE ORDER (EJCDC C-941)

# Change Order

## No. 10

Date of Issuance: September 9, 2020 Effective Date: \_\_\_\_\_

Project: Peirce Island Wastewater Treatment Facility Upgrade	Owner: City of Portsmouth, NH	Owner's Contract No.: Bid No. 39-16 CWSRF CS-330106-16
Contract: Peirce Island Wastewater Treatment Facility Upgrade		Date of Contract: September 1, 2016
Contractor: Methuen Construction Company, Inc.		Engineer's Project No.: 60323328

**The Contract Documents are modified as follows upon execution of this Change Order:**

Description:

1. Add fire alarm monitoring of the heat tracing installed on sprinkler lines in the Solids Building.

Cost: \$14,014.72

2. Repaired concrete columns at Operations/Lab Building.

Cost: \$6,070.04

3. Add high pressure interlock to Secondary Influent Pumps.

Cost \$14,697.39

4. Modify the base plate installation detail and amount of lightweight concrete at the Operations/Lab Building.

Cost: \$20,439.26

5. Change roofing material on Flow Meter Vault.

Cost: \$8,801.58

6. Change backup material behind areas with ceramic tile.

Cost: \$14,161.36

7. Add BAF PLC to plant's SCADA network ring.

Cost: \$4,361.11

8. Modify brick shelf at Operations/Lab Building.

Cost: \$2,847.20

9. Modify settings for the level floats in the Secondary Influent Wet Well.

Cost \$6,675.80

10. Add manual drain taps to the air headers in the BAF Gallery.

Cost: \$3,800.84

11. Add air blast cleaning systems to the DO probes in the BAF Building.

Cost: \$15,525.36

12. Add a frame and cover to the new filtrate manhole near the Solids Building.

Cost: \$2,266.42

13. Add brick joints at the Operations/Lab Building.

Cost \$4,256.82

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14. Modify the door swing of the door in the Operations/Lab Building Electrical Room.

Cost: \$1,029.23

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15. Change the connection detail for the bearing plate at the Operations/Lab Building.

Cost: \$2,142.00

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16. Add an exit sign in Stair No. 2 in the BAF Building.

Cost: \$3,470.45

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17. Change the material for the valve extensions on the Mechanic St. Force Main.

Cost: \$1,008.14

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18. Change the size of the frame of a door in the BAF Building.

Cost: \$924.27

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19. Change the type of level transducers in the Secondary Influent Wet Well.

Cost: \$17,187.71

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20. Add a concrete landing pad between the Storage Room and Maintenance Garage in the Operations/Lab Building.

Cost: \$7,394.73

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21. Change the window lintel detail at the Operations/Lab Building.

Cost: \$6,077.53

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22. Add vertical grab bars in the handicap bathrooms in the Operations/Lab Building.

Cost: \$560.69

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23. Add a dehumidifier in the BAF Micro-C Room.

Cost: \$3,768.85

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24. Furnish an air release valve for use on the sample line in the BAF Building.

Cost: \$3,172.62

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25. Remove temporary hypochlorite piping at Primary Clarifier Effluent Distribution Box.

Cost: \$5,245.20

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26. Change the window lintel detail at the Operations/Lab Building.

Cost: \$738.99

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27. Furnish WaStop check valve at discounted price for the BAF Building.

Cost: \$2,145.15

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28. Revise allowance for Bid Item 16 – Additional Traffic Control

Cost: (\$50,000.00)

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**Attachments (list documents supporting change):**

1. PCO 186 Fire Protection Piping Heat Trace (CMR 234) from Methuen Construction

2. PCO 205 Operations/Lab Building Column Demolition (CMR 248) from Methuen Construction

3. PCO 223 Secondary Influent Pump High Pressure Interlock (CMR 251) from Methuen Construction

4. PCO 226 Existing Grades at Operations/Lab Building (RFI 443) from Methuen Construction

5. PCO 229 Flow Meter Vault Roofing (RFI 394) from Methuen Construction

6. PCO 233 Backup Material for Ceramic Tile (RFI 379) from Methuen Construction

7. PCO 241 BAF PLC Fiber Optic Network (CMR 256) from Methuen Construction

8. PCO 244 Operations/Lab Building Brick Shelf (RFI 458) from Methuen Construction

9. PCO 246 Secondary Influent Control Revisions (RFI 454) from Methuen Construction

10. PCO 248 ALP Drain Taps (CMR 267) from Methuen Construction

11. PCO 249 DO Probe Air Blast System (CMR 268) from Methuen Construction

12. PCO 250 Frame and Cover at Pressate Manhole (RFI 463) from Methuen Construction

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- 13. PCO 252 Operations/Lab Brick Joints (CMR 269) from Methuen Construction
- 14. PCO 256 Operations/Lab Building Electrical Room Layout (RFI 473) from Methuen Construction
- 15. PCO 257 Bearing Plates at Operations/Lab Building (RFI 482) from Methuen Construction
- 16. PCO 258 BAF Stair 2 Exit Sign (CMR 254) from Methuen Construction
- 17. PCO 259 Mechanic St. FM Buried Valve Extensions (CMR 261) from Methuen Construction
- 18. PCO 261 Door Schedule Revision (CMR 193) from Methuen Construction
- 19. PCO 268 Secondary Influent Wet Well Level Transducers (CMR 272) from Methuen Construction
- 20. PCO 269 Operations/Lab Building LL Floor Elevation (CMR 217) from Methuen Construction
- 21. PCO 270 Ops/Lab Building WH-2 Lintel Modification (CMR 145) from Methuen Construction
- 22. PCO 274 Vertical Grab Bar (CMR 275) from Methuen Construction
- 23. PCO 276 Micro-C Dehumidifier (CMR 276) from Methuen Construction
- 24. PCO 277 Sample Line ARV (CMR 277) from Methuen Construction
- 25. PCO 280 PC D-Box Temp Piping ONLY (CMR 255) from Methuen Construction
- 26. PCO 282 Operations/Lab Building WH-2 Detail Change (CMR 279) from Methuen Construction
- 27. PCO 288 WaStop Check Valve (CMR 282) from Methuen Construction

**CHANGE IN CONTRACT PRICE:**

Original Contract Price:  
\$72,785,545.00

Increase from previously approved Change Orders No. 01 to No. 09:  
\$2,236,797.39

Contract Price prior to this Change Order:  
\$75,022,342.39

Increase of this Change Order:  
\$122,783.46

**CHANGE IN CONTRACT PRICE (cont.):**

Contract Price incorporating this Change Order:  
\$75,145,125.85

**CHANGE IN CONTRACT TIMES:**

Original Contract  Working  Calendar days  
 Substantial completion (days or date): 1,368  
 Ready for final payment (days or date): 1,459

[Increase] [Decrease] from previously approved Change Orders  
 No. 01 to No. 09:  
 Substantial completion (days): 30  
 Ready for final payment (days): 30


Contract Times prior to this Change Order:  
 Substantial completion (days or date): 1,398  
 Ready for final payment (days or date): 1,489

[Increase] [Decrease] of this Change Order:  
 Substantial completion (days or date): 0  
 Ready for final payment (days or date): 0

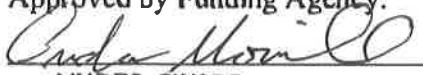
**CHANGE IN CONTRACT TIMES (cont.):**

Contract Times with all approved Change Orders:  
 Substantial completion (days or date): 1,398  
 Ready for final payment (days or date): 1,489

**RECOMMENDED:**

By:   
Engineer (Authorized Signature)

Date: September 9, 2020


Approved by Funding Agency:  
  
NHDES, CWSRF

Date: 9/15/2020

**ACCEPTED:**


By:   
Owner: Karen S. Conard  
City Manager

Date: 9/10/2020

By:   
Owner (Finance)

Date: 9.1.020

**ACCEPTED:**

By:   
Contractor (Authorized Signature)

Date: 9/9/2020

By:   
Brian Goetz, Deputy Director of Public Works

Date: 9/9/2020